



Form GSOP 1-PIN (04/98)

STATE OF CALIFORNIA
Department of General Services - Office of Procurement

PURCHASE ORDER

Page 1

Purchase Order No. Rev. Date
62191 6/30/2008

Supplier No.	Solicitation No.	Delivery Date	FOB Point	Invoice Terms
720366	57027	As Specified	Destination	

KASSBOHRER ALL-TERRAIN
VEHICLES, INC.
750 S. ROCK BLVD.
RENO, NV 89502
Attn: SAM TRAFTONS DEPT PARKS & RECREATION
h T PLEASE CONTACT: TERRY
i o HARPER AT (916) 445-9982
p VARIOUSC PARKS & RECREATION
h OHMVR DIVISION
a T PO BOX 942896
r o SACRAMENTO, CA 94296-0001
e

Agency Billing	Agency Purchase Estimate	Purchase Estimate	Revision
53550	E07V5004	67193	0

Phone: 775-857-5013

Agency Contact
AMANDA MIRANDAPhone
916-657-4085

Date Received

Item No.	Quantity	Unit	Commodity Code	Description	Unit Price	Extension
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THE GENERAL PROVISIONS FOR NON-IT COMMODITIES ARE HEREBY INCORPORATED BY REFERENCE. THESE GENERAL PROVISIONS CAN BE OBTAINED BY PHONING (916) 375-4400 OR BY ACCESSING OUR WEBSITE AT:

www.documents.dgs.ca.gov/pd/modellang/GPnonIT0407.pdf

THE FOLLOWING INFORMATION IS PROVIDED FOR AGENCY USE ONLY:

PRIME CONTRACTOR: NS

FOR THE PURPOSE OF THIS AWARD, ONLY F.O.B. Destination will be accepted.

This Purchase order has been registered into the state contract and procurement registration system (<https://www.scpss.dgs.ca.gov/>). The registration number is: 17600908333868.

NOTE: Attachments accompany this PO as follow:

1	1	EA	2410-563-0101-2	TRACTOR TRACKLAYING (AS DESCRIBED) Snow Tractor, Groomer, Two Passenger	199,999.0000	199,999.00
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Brand: PISTON BULLY

Model: 400 EDGE

Total Value: 199,999.00

OPTION TO INCREASE QUANTITY:

The State reserves the right to purchase up to (1) one additional Snow Tractor at the same price, for up to 180 days from award of purchase order under the same terms and conditions of this order.

This purchase order is being awarded on September 19th, 2008 pursuant to Government Code Section 13332.17. Any encumbrances made pursuant to this purchase order shall be construed to have been made on the last day of the preceding fiscal year.

Sales and/or use tax to be extra unless noted above

Buyer	Phone	BOC Number
GUS QUINTERO	916-375-4499	

Department of General Services - Office of Procurement

Form GSOP 2-PIN (04/98)

Page 2 (Last)

<i>Purchase Order No.</i>	<i>Revision</i>	<i>Date</i>	<i>Supplier No.</i>	<i>Supplier Name</i>
62191		6/30/2008	720366	KASSBOHRER ALL-TERRAIN

Item No.	Quantity	Unit	Commodity Code	Description	Unit Price	Extension
<p>CHANGE ORDERS:</p> <p>This Purchase Order may be amended, modified or terminated at any time by mutual agreement of the parties in writing. Change orders amending, modifying or terminating the Purchase Order, including any modifications of the compensation payable, may be issued only by the State Procurement Officer. All such change orders shall be in writing and issued only upon written concurrence of the supplier. Termination, as that term is used in this section, does not include termination for default of the supplier.</p>						



State of California

Bid Specification

Snow Tractor, Groomer, Two-Passenger

1.0 Scope: This specification establishes the minimum requirements for a 2-passenger Snow Tractor/Groomer. The snow-grooming vehicle shall be used for maintaining snow mobile trails by dozing and pulling a snowmobile trail implement though 2 to 5 feet of compacted snow as well as search and rescue operations. This vehicle will be operated under varying conditions from level ground to cross-country travel in rough mountain terrain that is snow covered.

2.0 Applicable Specifications / Standards / Codes: The vehicle furnished under these specifications shall conform to all of the requirements of all Divisions and Chapters of the following publications:

- Applicable CAL OSHA standards.
- Current California Air Resources Board (CARB) emission requirements.

Specifications and standards referenced in this document are in effect on the opening of the invitation for bid form a part of the specification where referenced.

3.0 Requirements: The vehicle offered shall, as a minimum, be in accordance with the requirements of this specification. Features which are not specifically prohibited by the specification but which are part of the manufacture's standard commercial product shall be included in the machine being furnished. The vehicle shall be supplied with all equipment and accessories indicated as standard equipment in the manufacturer's published literature. Optional equipment necessary to meet the requirements of this specification shall also be installed.

3.1 GCWR:

The vehicle shall include the following major components.

- The total weight shall not exceed 26,000 lbs with all attachments including but not limited to; engine, transmission, cab body, electrical system, chassis and frame, front blade, tillers and ancillaries.

3.2 Engine:

- The engine must meet *Tier III Emission requirements*.
- The engine shall be liquid cooled, computer controlled electronic diesel fueled, 6 cylinder, in-line four-cycle design, turbo charged, with a minimum of 350 horsepower at 2000 – 2300 RPMS and a minimum torque rating of 955 lbs ft at 1200 – 1600 RPMS.

- The engine shall be protected from freezing with permanent type anti-freeze with a protection value to -50 degrees F. Engine to have coolant recovery system.
 - The engine shall be equipped with a 120V engine block coolant heater.
- 3.3 Exhaust:
- The exhaust shall be directed above and away for the cab and accessories. It shall be protected with a heat shield around the full length of the exposed pipe for operator's safety.
- 3.4 Fuel Consumption:
- The fuel consumption shall be average of 5 to 6 gal/hr with minimum tank capacity of 85 gallons. ***An auxiliary fuel tank can be provided to meet this requirement.*** Switching from the main tank to the auxiliary shall be done using electronic switching valves. The fuel level gauge shall read whatever fuel tank is in use.
- 3.5 Filters:
- All filters shall be located in places that do not require any removal of parts to service.
- 3.6 Ignition:
- A key type ignition shall be standard.
 - Three (3) ignition keys shall be furnished at time of delivery of the vehicle.
- 3.7 Transmission:
- The transmission shall be hydrostatic close center hydraulic drive pumps.
 - The hydrostatic steering control shall be a steering wheel. ***Joy sticks will not be accepted.***
 - The controls shall be easily accessible to the operator.
- 3.8 Brakes:
- The brakes shall be disc type.
 - There shall be a parking brake.
- 3.9 Cab Body:
- The body shall be a cab over engine design.
 - Side windows that open to outside air.
 - The cab shall be rubber mounted and shall have a hydraulic or electrical assisted lift.
 - The cab shall have two (2) access doors. One located on each side of the vehicle.
 - The cab shall provide for two passengers with three-inch seat belts for operator and passenger.
 - A sprung, cantilever driver's seat with ample adjustment range will be provided.
 - The cab shall have dual visors.
 - The cab shall have multi-speed cab heater and windshield defroster.
 - Right and left side rearview mirrors shall be electrically heated, and mounted in a stainless steel or painted back frame. The mounting brackets shall be fully adjustable.
 - Front windshield wipers shall be dual-blade adjustable heated intermittent and with one or two rear widow wipers.

- The vehicle shall have full instrumentation including, but not limited to: tachometer, coolant temperature, oil pressure, fuel level, voltmeter, and hydraulic oil temperature. Warning lights can be substituted for readable indicating instruments.
- Hub-O-meter.
- Dome light shall be activated by electrical switch.
- The cab shall be key lockable from the outside. Three (3) keys are required at time of delivery.
- The color of the machine/body shall be red, yellow, or orange.
- Lights and mirrors shall be protected with brush guards.
- All gauges and controls shall be marked/identified for function with English. The markings shall be explicit, legible, and permanent. International symbols may be used to supplement not in lieu of or predominate over the above. Any precaution signs shall be similarly marked.
- All gauges shall be panel mounted, shall be consistent in size, color scheme and label style in size.
- All gauges and instrumentation shall be adequately illuminated for nighttime operation.
- Gauges mounted under the dash are unacceptable. All gauges shall be located to be easily read by the operator.

3.10 Electrical system:

- The battery system shall be made up of 12-volt maintenance free batteries.
- The system shall be not less than 1,950 CCA (cold cranking amps) at 0 degrees F. and a reserve capacity of not less than 550 minutes at 25 amps and 80F. Ratings are established by BCI (Battery Council International) and SAE.
- The electrical operational system shall be 24-volt. ***Side mounted battery cables are not acceptable.***
- A minimum of a 100-amp alternator with matching regulator shall be furnished.
- All fuses shall be located, easily read, easily accessible and labeled with amperage.
- Working lights shall be mounted on the cab, four forward facing quartz halogen driving lamps (two flood & two extended range) and four-quartz halogen driving lamps facing the rear. (two spot and two flood)
- A roof mounted amber rotation beacon visible from the front and rear of the tractor shall be installed.
- A hand-controlled spotlight shall be mounted on the cab.
- In addition, the following electrical equipment shall be installed.
 - Backup alarm.
 - Rear window defogger.
 - Electric horns.
 - AM/FM stereo with CD player.
 - Ball mounted hand operated cab fan.
 - Master electrical-cut off switch.
 - Two-auxiliary 12-volt power sources inside cab.
 - Two 12-volt two-way radio power source located in the top of cab.

3.11 Chassis and Frame:

- The chassis and the frame shall be designed and rated to permit operation of heavy attachments in all types of terrain.
- The main frame shall be constructed of high-grade steel tubing.
- A rear cargo deck shall be installed and have a minimum carrying capacity weight of 200 LB.
- The rear cargo deck shall be equipped with removable side racks and be of the size provided by the manufacturer as standard equipment for this vehicle.
- The rear cargo deck shall be raised using an electrical or hydraulic lift mechanism as provided by the manufacturer as standard equipment. This lift shall provide for easy inspection and maintenance of the engine, hydraulics and hydrostatic system.

3.12 Tracks:

- The vehicle shall be fully tracked.
- The total width shall be 12' minimum and 13'-4" maximum from one side of the tractor to the other (OAW).
- The track belting shall be 3 ply heavy-duty nylon reinforced belting or equivalent.
- The cross-links shall be aluminum or steel.
- The style of cross-link shall be close profile or J style.
- All wheels shall be solid tire.
- The track adjuster shall be hydraulic or mechanical.

3.13 Front Blade:

- The tractor shall be equipped with a 12-way function, U shaped snow blade.
- The blade shall be no less than 13'-8" but not exceed a total width of 14'.
- The blade must be constructed of high strength steel.
- The cutting edge shall be harden-steel tooth cutting design.
- The blade control shall be multi-function joystick and located to the right side of the operator.
- Bolt on screens shall be mounted on the top edge of the blades wings.

3.14 Tiller (Flex):

- The snow tiller shall be attached to the tractor using an articulating rear lift frame. The tiller shall be at least 13'-8" but not exceed a maximum width of 14'. This will include the outside of the drive motors and guards.
- The lift frame shall allow the operator to steer the tiller side to side.
- The tiller shall be attached to the articulating lift frame using a quick couple system.
- The tiller drive shall be an end drive hydraulic motor.
- The tiller drive shall be variable speed with forward and reverse rotation and down pressure.
- The Tiller drive motor and hydraulic hoses shall be protected from rocks and debris using a steel guard system.
- The guard system shall be removable if necessary for easy access to service or replace hydraulic motor.
- A float setting shall be part of the tiller hydraulic controls.
- The tiller controls shall be joystick or electric switches.

- Bolt on urethane end flaps with grooming comb shall be installed.
- The tiller shall be operated as either a flex tiller or lock both sides together and operated as a one piece rigged tiller.

3.15 Ancillaries:

- A class III hitch receiver shall be located as follows:
 - One in the blade on the front of the vehicle,
 - One on the rear of the vehicle
 - One in the fifth wheel so to accommodate a variety of receiver hitches.
- A 12-V power source with receptacle shall be located on the left and right side and front of the tractor and be easily accessible.
- The wire size will be large enough to operate a 12,000 lbs winch, and be used as a 12-volt source and operate miscellaneous 12-volt power tools.
- The tractor shall be equipped with the manufactures standard swivel fifth wheel pintle hitch. The hitch shall be mounted at a 45-degree angle to allow for 180 degrees of motion from a drag.
- Three additional hydraulic quick couplers (Hydraulic service valves) shall be installed and located just to the left side of the fifth wheel hitch.
- Fire Extinguisher (ABC Rating).



State of California

Administrative Requirements

Snow Tractor, Groomer, Two-Passenger

INSPECTION AND ACCEPTANCE: The vehicle will be inspected for compliance with these specifications by the Department of General Services, Office of Fleet Administration, Inspector of Automotive Equipment at the supplier's place of business, prior to delivery. It shall be the responsibility of the supplier to ask for the inspection when the vehicle is ready for delivery.

Original "Dealers Report of Sale" or "Certificate of Origin" shall be furnished promptly at the time of delivery of the vehicle covered by the specification. The "Bill of Sale" shall be signed by the responsible officer of the supplier with title of signer also indicated.

The supplier must be able to demonstrate a history and expertise in the manufacturing of Snow Grooming Vehicles. The State reserves the right to require the bidder to demonstrate the ability to meet the requirements on the vehicle prior to the opening of the solicitation.

STANDARD COMMERCIAL PRODUCT:

The vehicle offered shall, as a minimum, be in accordance with the requirements of this specification. Features which are not specifically prohibited by the specification but which are part of the manufacture's standard commercial product shall be included in the vehicle being furnished. A standard commercial product is a product, which has been sold or is being currently offered for sale on the commercial marked through advertisements or manufacture's catalogs, of brochures, and represents the latest product model.

The vehicle shall be new and the latest model in current production. **(THE STATE WILL ONLY EXCEPT A 2008 PRODUCTION MODEL)** Used, shopworn, demonstrator, prototype, or discontinued models are not acceptable.

PREASSEMBLY:

All items described in the specification shall be delivered fully assembled, wired, and ready for operation, except where shipping or installation constraints make preassembly impossible. All interconnecting wiring is the responsibility of the bidder. Bidder shall be responsible for the inspecting the delivery site to determine any access problems that exist and make recommendation. However after award if the access problems do exist, the bidder shall be responsible for the disassemble and reassemble of the unit.

OPERATION AND MAINTENANCE MANUALS:

Two (2) copies of the operating manual outlining the step procedures required for the system startup and operating, two (2) service manuals, and two (2) parts books shall be furnished at the time of delivery to the Park Maintenance Chief III, Department of Parks and Recreation Off Highway Motor Vehicle Recreation Division, PO Box 942896, Sacramento.

All manuals and instructions shall be in the English Language.

WARRANTY, REPAIR/SERVICE & SPARE PARTS:

The vehicle shall be fully warranted by the successful bidder to be free from defects in materials and workmanship for a minimum of one year or 1000 hours from the date of acceptance. An additional two-year or 2000 hour warranty on splitter gearboxes, hydraulic pumps and motors, planetary gear boxes (including gaskets and seals) and mainframe shall be available.

The supplier shall respond to a service call within 24 hours of notification.

In the event the vehicle fails to perform after repairs have been attempted or is proved to be defective within the first three months of the warranty period, the bidder shall replace the vehicle without cost to the State.

Manufactures/Rep service and parts shall be available minimum of 10 years from final acceptance date of vehicle.

SETUP, STARTUP AND TRAINING:

Setup and start-up service shall be provided by the factory trained representatives to ensure vehicle is running properly and adjusted to factory specifications. A one time 16-hour or two-day training session shall be provided to a minimum of fifteen (15) staff members covering the maintenance and operation of the system.